

# ThinkPad L390 20NR001LGE

**Product**  
ThinkPad L390

**Region**  
EMEA

**Country**  
Germany

**Machine Type**  
20NR

**TopSeller**  
TopSeller

**Processor**  
Core i5-8265U (4C, 1.6 / 3.9GHz, 6MB)

**vPro**  
No

**Graphics**  
Integrated Intel UHD Graphics 620

**Memory**  
16GBx1

**Display**  
13.3" FHD (1920x1080) IPS

**Multi-touch**  
None

**Storage**  
512GB SSD M.2 (2280) PCIe NVMe Opal2

**Optical**  
None

**WLAN + Bluetooth**  
Intel 9560 ac, 2x2 + BT5.0

**Monitor Cable**  
None

**Bundled Accessories**  
None

**Color**  
Black

**Camera**  
720p

**Keyboard**  
Backlit

**Fingerprint Reader**  
Fingerprint Reader

**NFC**  
None

**TPM**  
dTPM 2.0

**Battery**  
45Wh

**Power Adapter**  
65W USB-C

**Operating System**  
Windows 10 Pro 64

**Warranty**  
1-year, Depot

**End of Support**  
Feb 15, 2025

**Ann Date (mm/yy)**  
12/18

**Notes:**

Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences.  
<https://www.lenovo.com/hk/en/battery-info>



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# ThinkPad L390 Platform Specifications

Product Specifications Reference (PSREF)



Processor	8th Generation Intel® Core™ i3 / i5 / i7 Processor								Smart card reader	None
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Media reader	MicroSD card reader
	i3-8145U	2	4	2.1 GHz	3.9 GHz	4MB	DDR4-2400	Intel UHD Graphics 620	Ports	Two USB 3.1 Gen 1 (one Always On), two USB 3.1 Type-C Gen 1, HDMI 1.4b, Ethernet extension connector, headphone / microphone combo jack, microSD card reader, security keyhole
	i5-8265U	4	8	1.6 GHz	3.9 GHz	6MB			* Depending on many factors, actual data transfer speed may be lower than theoretical speed	
i7-8565U	1.8 GHz			4.6 GHz	8MB	USB-C to VGA: Lenovo USB-C to VGA Adapter				
Graphics	Intel UHD Graphics 620 in processor; supports external digital monitor via HDMI or USB Type-C; supports three independent displays; Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@30Hz (HDMI)								Monitor cable (optional)	USB-C to VGA + Power Adapter: Lenovo USB-C to VGA plus Power Adapter USB-C to HDMI: Lenovo USB-C to HDMI Adapter USB-C to HDMI + Power Adapter: Lenovo USB-C to HDMI plus Power Adapter USB-C to DP: Lenovo USB-C to DisplayPort Adapter USB-C to RJ45: Lenovo USB-C to Ethernet Adapter USB-C to USB-A: Lenovo USB-C to USB-A Adapter USB-C to USB-C: Lenovo USB-C to USB-C Cable 2M
Chipset	Intel SoC (System on Chip) platform								Bundled Accessories (optional)	
Memory	32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets								Camera	HD720p camera, fixed focus
Display	Size	Resolution	Surface	Type	Brightness	Aspect Ratio	Contrast Ratio	Viewing Angle	Audio support	HD Audio, Realtek ALC3287 codec / stereo speakers, 2W x 2, Dolby® Audio™ Premium / dual array microphone, headphone / microphone combo jack
	13.3"	HD (1366x768)	Anti-glare	TN	250 nits	16:9	500:1	90°	Keyboard	6-row, spill-resistant, multimedia Fn keys, optional LED backlight
	13.3"	FHD (1920x1080)	Anti-glare	IPS	250 nits	16:9	700:1 (non-touch) 800:1 (multi-touch)	170°	UltraNav™	TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch
Multi-touch (opt)	On-cell touch, supports 10-finger gesture (FHD only)								Security	Power-on password, hard disk password, supervisor password, security keyhole
Storage	One of the following, configurable by model: <ul style="list-style-type: none"> <li>M.2 SSD / SATA 6.0Gb/s</li> <li>M.2 (2242) SSD / PCIe NVMe, PCIe 3.0 x 2</li> <li>M.2 (2280) SSD / PCIe NVMe, PCIe 3.0 x 4</li> </ul>								Security chip	Discrete TPM 2.0, TCG Certified
Optical	None								vPro	None
Ethernet	Native Intel Ethernet Connection I219-V (Non-vPro) or I219-LM (vPro) via optional ThinkPad Ethernet Extension Cable or Lenovo USB-C to Ethernet Adapter								Fingerprint reader	Optional: Touch style fingerprint reader on the palm rest
WLAN	Intel Wireless-AC 9560, Wi-Fi 2x2 802.11ac + Bluetooth 5.0, M.2 card								NFC (optional)	Near Field Communication
Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter								Battery	Integrated Li-ion 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W USB Type-C AC adapter
WWAN	None								Max battery life	MobileMark® 2014: 14.61 hr * Battery life varies significantly with settings, usage, & other factors
Dimensions	WxDxH: 12.67" x 8.83" x 0.74"; 321.8mm x 224.2mm x 18.8mm								AC adapter	45W or 65W USB Type-C AC adapter
Weight	Starting at 3.22 lb / 1.46 kg								Preload	Windows® 10 Home 64 or Windows 10 Pro 64
Case color	Black or Silver								Limited warranty	One of the following, configurable by model: <ul style="list-style-type: none"> <li>1-year depot repair service</li> <li>3-year/1-yr battery depot repair service</li> <li>3-year/1-yr battery limited onsite service</li> </ul>
Case material	Display cover: Aluminum Bottom: GFRP								Mil-Spec test	MIL-STD-810G military certification
									Environment	ENERGY STAR® 7.0; RoHS-compliant

Note: The specifications above may not be available in all regions.

Lenovo  
January 2018

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